



#3

SEQUENCE LISTING

<110> GENICON SCIENCES CORPORATION
BEE, Gary
KOHNE, David E.
KORB, Linda
PETERSON, Todd
YGUERABIDE, Juan

<120> ASSAY FOR GENETIC POLYMORPHISMS USING SCATTERED LIGHT DETECTABLE LABELS

<130> 089498/0403

<140> PCT/US01/18912

<141> 2001-06-11

<150> US 60/210,988

<151> 2000-06-12

<160> 64

<170> PatentIn version 3.0

<210> 1

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<221> misc_feature

<223> Primer

<400> 1

ctcggcccct gcactgtttc

20

<210> 2

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<221> misc_feature

<223> Primer

<400> 2

gctttgtcca agagaccgtt g

21

<210> 3

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<221> misc_feature

<223> Primer

<400> 3	
ctcggagag caggatttgc gta	23
<210> 4	
<211> 19	
<212> DNA	
<213> Artificial Sequence	
<220>	
<221> misc_feature	
<223> Primer	
<400> 4	
cctgaccag ctggatgag	19
<210> 5	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<221> misc_feature	
<223> Primer	
<400> 5	
cttccctgag tgcaaaggcg	20
<210> 6	
<211> 22	
<212> DNA	
<213> Artificial Sequence	
<220>	
<221> misc_feature	
<223> Exemplary probe for CYP2D6 allele detection	
<400> 6	
gctaactgag cacaggatga cc	22
<210> 7	
<211> 23	
<212> DNA	
<213> Artificial Sequence	
<220>	
<221> misc_feature	
<223> Exemplary probe for CYP2D6 allele detection	
<400> 7	
gctaactgag cacaggatga cca	23
<210> 8	
<211> 22	
<212> DNA	
<213> Artificial Sequence	

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 8
 ctaactgagc acaggatgac ca 22

 <210> 9
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 9
 ctaactgagc acaggatgac a 21

 <210> 10
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 10
 gctaactgag cacggatgac c 21

 <210> 11
 <211> 22
 <212> DNA
 <213> Artificial Sequence

 <220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 11
 gctaactgag cacggatgac ca 22

 <210> 12
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 12
 ctaactgagc acggatgacc a 21

<210> 13
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 13
 ctaactgagc acggatgaca 20

 <210> 14
 <211> 51
 <212> DNA
 <213> Artificial Sequence

 <220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 14
 gctggatgag ctgctaactg agcacaggat gacctgggac ccagcccagc c 51

 <210> 15
 <211> 50
 <212> DNA
 <213> Artificial Sequence

 <220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 15
 gctggatgag ctgctaactg agcacggatg acctggggacc cagcccagcc 50

 <210> 16
 <211> 17
 <212> DNA
 <213> Artificial Sequence

 <220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 16
 gaggggtgggg gtcctgc 17

 <210> 17
 <211> 17
 <212> DNA
 <213> Artificial Sequence

 <220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

<400> 17
 ctcccacccc caggacg 17

<210> 18
 <211> 17
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

<400> 18
 ctcccacccc caagacg 17

<210> 19
 <211> 17
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

<400> 19
 cgtcttgggg gtgggag 17

<210> 20
 <211> 51
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

<400> 20
 cccttaccg catctccac cccagacg cccctttcgc cccaacggc t 51

<210> 21
 <211> 51
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

<400> 21
 cccttaccg catctccac cccaagacg cccctttcgc cccaacggc t 51

<210> 22
 <211> 17
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 22
 gggtcctgcg gggaaag 17

<210> 23
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 23
 gaaaggggcg tcctggga 18

<210> 24
 <211> 17
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 24
 cccaagacgc ccctttc 17

<210> 25
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 25
 cccaagacgc ccctttca 18

<210> 26
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 26
 gcagagatgg agaaggtgag ag 22

<210> 27
 <211> 23
 <212> DNA
 <213> Artificial Sequence

 <220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 27
 gcagagatgg agaaggtgag aga 23

 <210> 28
 <211> 22
 <212> DNA
 <213> Artificial Sequence

 <220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 28
 cagagatgga gaaggtgaga ga 22

 <210> 29
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 29
 gcagagatgg aggtgagagt g 21

 <210> 30
 <211> 22
 <212> DNA
 <213> Artificial Sequence

 <220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 30
 gcagagatgg aggtgagagt ga 22

 <210> 31
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

<400> 31
 cagagatgga ggtgagagtg a 21

<210> 32
 <211> 51
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

<400> 32
 caccgtggca gccactctca ctttctccat ctctgccagg aaggcctcag t 51

<210> 33
 <211> 48
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

<400> 33
 caccgtggca gccactctca cctccatctc tgccaggaag gcctcagt 48

<210> 34
 <211> 19
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

<400> 34
 cgagtactag gatgtaggc 19

<210> 35
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

<400> 35
 cggatgtagg atcatgagca 20

<210> 36
 <211> 19
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 36
 gctcatgatc ctacctccg 19

<210> 37
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 37
 gctcatgatc ctacctccga 20

<210> 38
 <211> 51
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 38
 tgggggcctcc tgctcatgat cctacatccg gatgtgcagc gtgagcccat c 51

<210> 39
 <211> 51
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 39
 tgggggcctcc tgctcatgat cctacctccg gatgtgcagc gtgagcccat c 51

<210> 40
 <211> 19
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 40
 ctgcacatcc ggatgtagg 19

<210> 41
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<223> Exemplary probe for CYP2D6 allele detection

<400> 41
cctacatccg gatgtgcag 19

<210> 42
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<223> Exemplary probe for CYP2D6 allele detection

<400> 42
cctacctccg gatgtgcag 19

<210> 43
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<223> Exemplary probe for CYP2D6 allele detection

<400> 43
ctgcacatcc ggaggtagg 19

<210> 44
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<223> Exemplary probe for CYP2D6 allele detection

<400> 44
cactccggtg ggtgatgga 19

<210> 45
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<223> Exemplary probe for CYP2D6 allele detection

<400> 45
 ccatcaccca ccggagtga 19

<210> 46
 <211> 19
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

<400> 46
 cactcctgtg ggtgatgga 19

<210> 47
 <211> 51
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

<400> 47
 gtgccgcctt cgccactccg gtgggtgatg ggcagaaggg cacaaagcgg g 51

<210> 48
 <211> 51
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

<400> 48
 gtgccgcctt cgccactcct gtgggtgatg ggcagaaggg cacaaagcgg g 51

<210> 49
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

<400> 49
 gctggagcag tgggtgac 18

<210> 50
 <211> 19
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 50
 gctggagcag tgggtgaca 19

<210> 51
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 51
 ctggagcagt ggggtgaca 18

<210> 52
 <211> 17
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 52
 gctggagcag ggggtgac 17

<210> 53
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 53
 gctggagcag ggggtgaca 18

<210> 54
 <211> 17
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 54
 ctggagcagg ggtgaca 17

<210> 55
 <211> 48
 <212> DNA
 <213> Artificial Sequence

 <220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 55
 gggcaagaag tcgctggagc agtgggtgac cgaggaggcc gcctgcct 48

 <210> 56
 <211> 47
 <212> DNA
 <213> Artificial Sequence

 <220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 56
 gggcaagaag tcgctggagc aggggtgacc gaggaggccg cctgcct 47

 <210> 57
 <211> 19
 <212> DNA
 <213> Artificial Sequence

 <220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 57
 gaccaggggg agcatagga 19

 <210> 58
 <211> 19
 <212> DNA
 <213> Artificial Sequence

 <220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

 <400> 58
 gaccttgtag agcgccaga 19

 <210> 59
 <211> 19
 <212> DNA
 <213> Artificial Sequence

 <220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

<400> 59
 gaccaggaaa agcacagga 19

<210> 60
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

<400> 60
 gaccaggaaa agcacagga 20

<210> 61
 <211> 37
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

<400> 61
 gggagaccag ggggagcata gggttggagt gggtggt 37

<210> 62
 <211> 38
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

<400> 62
 gggagacctt gtggagcgcc agggttggag tgggtggc 38

<210> 63
 <211> 37
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <223> Exemplary probe for CYP2D6 allele detection

<400> 63
 gggagaccag gaaaagcaca gggttggagt gggcggc 37

<210> 64
 <211> 25
 <212> DNA
 <213> Artificial Sequence

<220>
<221> misc_feature
<223> Exemplary probe for CYP2D6 allele detection

<400> 64
atcattccaa tcatccatat catca

25